|  | Index of Claims |           |              |                      |     |               |              |                |                |  |            |          |          | Application No.   |                |              |                 |             |           |                   |      |          | Applicant(s) |          |                     |                |         |                    |                 |          |          |   |  |
|--|-----------------|-----------|--------------|----------------------|-----|---------------|--------------|----------------|----------------|--|------------|----------|----------|-------------------|----------------|--------------|-----------------|-------------|-----------|-------------------|------|----------|--------------|----------|---------------------|----------------|---------|--------------------|-----------------|----------|----------|---|--|
|  |                 |           |              |                      |     |               |              |                |                |  |            |          |          | ۱,                | 09/635,798     |              |                 |             |           |                   |      |          |              |          | N                   |                | ΩR      | T <u>A</u>         | ML.             |          |          |   |  |
|  |                 |           |              |                      |     |               |              |                |                |  |            |          |          |                   |                |              | Examiner        |             |           |                   |      |          |              |          |                     |                | iit     | <u> </u>           |                 | T        | ·        |   |  |
|  |                 |           |              |                      |     |               |              |                |                |  |            |          |          |                   |                |              |                 |             |           |                   |      |          |              |          |                     |                |         |                    |                 |          |          |   |  |
|  |                 |           |              |                      |     |               |              | Thinh H Nguyen |                |  |            |          |          |                   |                | ]            | 2861            |             |           |                   |      | <u> </u> |              |          |                     |                |         |                    |                 |          |          |   |  |
|  |                 |           |              |                      |     |               |              |                |                |  |            |          |          |                   | _              |              |                 |             |           |                   |      | _        |              |          |                     |                | _       |                    |                 |          |          |   |  |
|  | √ Rejected      |           |              |                      |     |               |              |                | (Through numer |  |            |          |          |                   | eral)          | al) Non-E    |                 |             | n-Ele     | ected             |      |          | ا ا          | Appeal   |                     |                | al      |                    |                 |          |          |   |  |
|  |                 |           | Ц            |                      |     |               |              |                | Cancelled      |  |            |          |          |                   |                | N            |                 |             | _         |                   |      | .,       |              |          |                     |                |         |                    |                 |          |          |   |  |
|  |                 |           | <sub>=</sub> | Allowed              |     |               |              | +              |                |  | Restricted |          |          |                   |                |              |                 | Interfer    |           | ЭΠ                | ence |          | o            | Objected |                     |                |         |                    |                 |          |          |   |  |
|  |                 |           | Ш            |                      |     |               |              |                | L              |  |            |          |          |                   | J              |              |                 |             |           |                   | Ш    |          |              |          |                     |                |         |                    |                 |          |          |   |  |
|  | Claim           |           |              | Da                   |     |               |              |                |                |  | Claim      |          |          |                   | Date           |              |                 |             |           | Cla               |      | aim      | Ι_           | Date     |                     |                |         |                    | ٦               |          |          |   |  |
|  |                 |           |              |                      |     |               |              | Γ              | Γ              |  |            |          |          | Т                 | ПŤ             |              | Т               | ПТ          |           |                   |      | Г        | П            | Т        | Т                   |                |         |                    |                 | 1        |          |   |  |
|  | Final           | Original  | 11/18/04     |                      |     |               |              |                |                |  |            | Final    | Original |                   | 1              |              |                 |             |           | П                 |      | Final    | Original     | П        |                     |                |         | 1                  |                 | 1        |          |   |  |
|  | Œ               | δ         | =            |                      | 1   | 1             | 1            |                |                |  |            | ш        | δ        |                   | 1              |              |                 |             | 1         |                   |      | -        | ŏ            |          |                     |                |         |                    |                 | ł        |          |   |  |
|  |                 | (1)       |              |                      |     |               | 士            |                |                |  |            |          | 51       |                   |                |              |                 | コ           | 1         | 口                 |      |          | 101          |          | #                   | $\bot$         | I       |                    | $\Box$          | $\perp$  | ]        |   |  |
|  |                 | 2         | 7            | -                    | _   | ╀-            | $\bot$       | _              | L              | _  |            |          | 52<br>53 | $\dashv$          | ╀              | +            | $\dashv$        | +           | ╀         | H                 |      |          | 102<br>103   | $\vdash$ | +                   | +              | ╁       | ╁                  | $\vdash$        | +        | ┨.       |   |  |
|  | _               | 3         | 44           | +                    | ╁   | ╬             | +            | -              | Н              | -  |            |          | 54       | $\dashv$          | +              | +            | H               | 十           | 十         | +                 |      |          | 103          | Н        | 十                   | 十              | +       | 1_                 |                 | 1        | 1        |   |  |
|  |                 | 5         | 1            |                      |     |               |              |                |                |  |            |          | 55       |                   | 1              | $\perp$      | $\Box$          | $\Box$      | 1         | П                 |      |          | 105          |          | $\dashv$            | $\bot$         | I       | Ţ                  | П               |          | 7        |   |  |
|  | 7               | (6)<br>7  | K            |                      | +   | -             | -            | <u> </u>       |                | _  |            |          | 56<br>57 | -                 | +              | +            | H               | +           | ╫         | Н                 |      |          | 106          | $\vdash$ | -+                  | +-             | ╫       | ┿                  | $\vdash$        | +        | -        |   |  |
|  | _               | 8         | ╁            | ┞┼                   | +   | ╁             | +            | -              |                | -  |            |          | 58       | $\vdash \uparrow$ | +              | T            | H               | 7           | 1         | П                 |      |          | 108          |          | 士                   | +              | 1       |                    |                 |          | 1        |   |  |
|  |                 | 9         |              |                      |     |               |              |                |                |  |            |          | 59       |                   | $\perp$        |              | П               | $\Box$      | $\perp$   | $\Box$            |      |          | 109          | П        | $\Box$              | $\perp$        | $\perp$ | L                  | П               | $\perp$  | 7        |   |  |
|  | <u> </u>        | 10        | Н            | $\vdash$             | +-  | -             |              | ŀ              | -              | _  |            |          | 60<br>61 | $\dashv$          | +              | ╁            | H               | +           | +         | ╫                 |      |          | 110<br>111   | Н        | $\dashv$            | +              | ┿       | ╫┈                 | ┨               | +        | ┨        |   |  |
|  |                 | 12        | Н            | $\vdash \vdash$      | +   | ╁             | +-           | ┢              | <del> -</del>  | $\vdash$   |            |          | 62       | +                 | ┪              | ╁╴           | $\vdash$        | $\dashv$    | 十         | $\forall$         |      |          | 112          | П        | 一                   | $\perp$        | $\top$  |                    | П               |          | 1        |   |  |
|  |                 | 13        |              |                      |     |               |              |                |                |  |            |          | 63       | $\Box$            | $\bot$         | $\perp$      | П               | _           | $\bot$    | $\Box$            |      |          | 113          |          | $\Box$              | 1              | Ţ       | L                  | П               | $\bot$   | 4        |   |  |
|  |                 | 14        | H            | Н                    | +   | -             | <del> </del> | -              | -              | H  |            |          | 64<br>65 | $\dashv$          | +              | ╀            | ┥               | +           | +         | ╂╢                |      |          | 114<br>115   | Н        | +                   | +              | ╅       | ╀                  | H               | +        | -        |   |  |
|  | <u> </u>        | 15<br>16  | $\vdash$     | H                    | 十   | -             | +-           | !              | ├              | -  |            | -        | 66       | 十                 | 十              | +            | Н               | $\dagger$   | +         | $\dagger \exists$ |      |          | 116          | Н        | T                   | $\top$         |         |                    | $\Box$          | $\top$   | 1        |   |  |
|  |                 | 17        |              | ธ                    | 土   |               |              | -              |                |  |            |          | 67       | 口                 | 工              | ፗ            |                 | 4           | $\bot$    | $\Box$            |      |          | 117          |          |                     | $\Box$         | $\bot$  |                    | П               | $\Box$   | 7        |   |  |
|  | Х.              | 18<br>19  | $\vdash$     | Н                    | +   | +             | ╀            | -              | <del> </del>   | L  |            |          | 68<br>69 | ⊣                 | +              | ┿            | ┝┼              | +           | +         | Н                 |      | _        | 118<br>119   | ╁        | $\dashv$            | +              | ╁       | ╀                  | Н               | +        | -        |   |  |
|  | <del> </del>    | 20        | Н            | $\vdash$             | ╅   | +-            | ┼-           | $\vdash$       | -              | -  |            |          | 70       | $\vdash$          | 十              | +            | $\vdash$        | 7           | +         | H                 |      |          | 120          | Н        |                     | 士              |         | +                  |                 | $\perp$  | 1        |   |  |
|  |                 | 21        |              |                      |     | 1             |              |                |                |  |            |          | 71       |                   | T              | T            |                 | $\Box$      | $\perp$   | П                 |      |          | 121          |          | $\Box$              | $\perp$        |         |                    | П               | 1        | 7        |   |  |
|  | <u> </u>        | 22<br>23  | $\vdash$     | $\vdash$             | +   | ╀.            | +            | <u> </u>       | <del> -</del>  | -  |            |          | 72<br>73 | ╟┼                | +              | ╀            | ┦               | $\dashv$    | +         | ╂╢                |      |          | 122<br>123   | Н        | $\dashv$            | +              | +       | ╁                  | ╁┼              | ╁        | -        |   |  |
|  | ├               | 24        | $\vdash$     | ╁                    | ╅   | +-            | ╅            | !              | $\vdash$       | ╁  |            |          | 74       | H                 | +              | +            | -               | +           | $\dagger$ | $\dagger$         |      |          | 124          |          |                     | 1              | Ť       |                    |                 | 土        |          |   |  |
|  |                 | 25        |              |                      |     | Ι             |              | _              |                |  |            |          | 75       | $\Box$            | $\perp$        |              | П               | $\Box$      | 1         | П                 |      |          | 125          |          | 4                   | $\bot$         | 4       | $\downarrow$       | П               | $\perp$  | 4        |   |  |
|  | <b> </b>        | 26<br>27  | H            | ${oldsymbol{arphi}}$ | - - | <u> </u>      | -            | 1              | <del>! -</del> | L  |            | ├        | 76<br>77 | Н                 |                | ┿            | Н               | ┥           | ╫         | ┿                 |      | <u> </u> | 126<br>127   | Н        | $\dashv$            | ╅              | ╁       | ╁╌                 | ╁┼              | ┰        | ┨        |   |  |
|  | _               | 28        | H            | $\vdash$             | +   | ÷             | 1            | ;              | <del>:</del>   | -  | i          | ⊢        | 78       | $\vdash$          | +              | +            | ╁               | ┪           | +         | $\top$            |      |          | 128          | Н        |                     | $\top$         | 1       | 1                  | П               | 士        | 1        |   |  |
|  |                 | 29        |              |                      |     |               |              |                |                |  |            |          | 79_      | П                 | $\top$         |              | П               | $\Box$      | I         | П                 |      |          | 129          |          | П                   | $\blacksquare$ | $\bot$  |                    |                 | _        | 7        |   |  |
|  |                 | <u>30</u> | -            | H                    | -   | ļ.,           | 4_           |                | <u> </u>       | -  | ╢          |          | 80<br>81 | $\vdash$          | ╫              | +-           | ┥               | $\dashv$    | +         | ╫                 |      |          | 130<br>131   |          | $\dashv$            | ╫              | ╁       | ╁                  | H               | +        | ┨        |   |  |
|  |                 | 32        | H            | H                    | +   | +             | 1            | +-             | -              | -  | ╣          | -        | 82       | $\vdash$          | 十              | +            | Н               | 7           | +         | $\top$            |      |          | 132          |          |                     | 士              | 土       |                    | П               |          |          |   |  |
|  |                 | 33        |              |                      |     |               |              | -              |                |  |            |          | 83       | П                 | $\Box$         | $oxed{\bot}$ | П               | $\Box$      |           | П                 |      |          | 133          |          | $\Box$              | 1              | $\bot$  | $oldsymbol{\perp}$ | Ц               | $\perp$  | 4        |   |  |
|  |                 | 34<br>35  | -            | H                    | -   | +             |              |                | 1              | H  |            | _        | 85       | $\vdash \vdash$   | +              | ╀            | H               | +           | +         | +                 |      |          | 134<br>135   |          | $\vdash$            | +              | +-      | ╁                  | Н               | +        | ┨        |   |  |
|  |                 | 36        | ╁╌           | H                    | +   | +             | 1            |                | 1              | -  | ı          | _        | 86       | $\vdash$          | ╅              | ╅╴           | H               | ┪           | 十         | Н                 |      |          | 136          |          |                     | 十              | +       | $\top$             |                 |          | 1        | · |  |
|  | 7               | 37        |              |                      |     |               |              |                |                |  |            |          | 87       | П                 | $\blacksquare$ | $oxed{\Box}$ | П               | $\Box$      | $\Box$    | $\Box$            |      |          | 137          |          | $\Box$              | $\perp$        | Ţ       | oxdapprox          | П               | $\bot$   | 7        |   |  |
|  | <u> </u>        | 38        | ╀            | $\vdash$             | -   |               | -‡           |                |                | -  |            |          | 88<br>89 | ₩                 | +              | ╁┈           | ╌               | $\dashv$    | +         | +                 |      | ├        | 138<br>139   | Н        | $\vdash$            | $\dashv$       | ╫       | ╁                  | Н               | +        | ┨        |   |  |
|  |                 | 39<br>40  | $\vdash$     | H                    | - - | +             | +            | :              | 1              | 1  | 惴          | $\vdash$ | 90       |                   | +              | +            | H               | _†          | $\pm$     | T                 |      |          | 140          |          | 廿                   | 士              | 1       | İ                  | 口               | 士        | <u> </u> |   |  |
|  |                 | 41        |              | 口                    |     | 1             |              | -              | 1              |  |            |          | 91       | $\Box$            |                | Τ            | П               | $\sqsupset$ | $\bot$    | $\Box$            |      |          | 141          |          | $\square$           | 工              | F       | L                  | П               | 工        | 4        |   |  |
|  | <u> </u>        | 42        | $\vdash$     | $oxed{\square}$      | - - | +             | -            | +-             | $\vdash$       | -  |            | -        | 92<br>93 | $\vdash \vdash$   | +              | +            | ╟               | $\dashv$    | +         | +                 |      | $\vdash$ | 142<br>143   | $\vdash$ | $\dashv$            | +              | +       | ╁                  | ┢┤              | $\dashv$ | $\dashv$ |   |  |
|  | $\vdash$        | 43        | $\vdash$     | H                    | +   | <del></del> - |              | ,              | -              | <del>                                     </del> |            | <b> </b> | 94       | -                 | 十              | +            | ⊣               | _†          | $\pm$     |                   |      |          | 144          |          |                     | 士              | 士       | 上                  |                 | 士        | 1        |   |  |
|  |                 | 45        |              |                      |     | -4            |              |                |                |  |            |          | 95       |                   | 工              | T            | П               | $\exists$   | $\perp$   | $\Box$            |      |          | 145          |          | П                   | $\Box$         | F       | L                  | П               | Ŧ        | 4        |   |  |
|  | <u> </u>        | 46        | 1            | $oldsymbol{arphi}$   | - - | _'            | -'           |                | _              | <del> </del>                                     |            | <u> </u> | 96<br>97 | $\vdash \vdash$   | +              | +            | $\vdash \vdash$ | ┥           | +         | +                 |      | <u> </u> | 146          |          | ⊢┼                  | +              | +       | +                  | $\vdash \vdash$ | +        | ┨        |   |  |
|  | $\vdash$        | 48        | $t^-$        | $\vdash \vdash$      | - - | <b>-</b>      | -,           | <del> </del>   |                |  | <b>j</b>   |          | 98       | 廿                 | $\perp$        | 士            | 口               | ╛           | 士         | $\Box$            |      |          | 148          |          |                     | 士              |         |                    | 口               |          | 1        |   |  |
|  |                 | 49        | Г            | П                    |     |               | $\Box$       | Ξ              |                | _  |            |          | 99       | П                 | $\perp$        | T            | П               | 耳           | $\bot$    | Д                 |      |          | 149          |          | $\vdash \downarrow$ | 4              | +       | $\perp$            | igspace         | +        | 4        |   |  |
|  | ı               | 50        | 1            | 1 1                  | 1   |               |              | !              |                | 1  | 1::::      |          | 100      | 1 1               |                | 1            | 1               |             | _ 1_      |                   |      |          | 150          | 1        | LL                  | L              |         | 1                  |                 | t_       |          |   |  |